Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	per of sons Injured	Estimated Damage Property Crops	July 1997 Character of Storm
Location	Date	Standard	(Willes)	(Tards)	Killed	Injured	Property Crops	Character of Storm
Lagrange County	02	0.50000				0		
2 N Ligonier/ to 2 N Ligonier		0750EST 0751EST derstorm with hail	l occurred on c	ounty line be	0 etween lagra	0 ange		Hail (1.00)
Huntington County	and in	oole county.						
.5 SE Huntington to In Huntington	02	1410EST 1420EST			0	0	20K	Hail (0.75)
		derstorm winds ki ern one half of the		rees and pow	er lines acre	oss the		
Adams County								
City Of Decatur	02	1452EST 1453EST			0	0		Thunderstorm Wind (G60)
	50 foo	ot amateur radio t	ower folded ov	er.				
Wells County								
10 W Decatur	02	1500EST 1501EST			0	0		Tstm Wind/Hail
	Trees	and power lines of	down near tow	n of Tocsin i	n Wells Cou	unty.		
Jay County								
5 NE Portland	02	1530EST 1531EST			0	0	10K	Tstm Wind/Hail
	Trees	and power lines	down near Bry	ant.				
Blackford County								
Montpellier	02	1540EST 1541EST			0	0		Hail (1.75)
Lagrange County								
Lagrange	08	1801EST 1802EST			0	0		Thunderstorm Wind (G60)
	trees o	down in city of la	grange2					
Lagrange County								
6 S Lagrange Near Eddy	08	1835EST 1836EST			0	0		Thunderstorm Wind (G60)
Noble County	00	19 <i>45</i> FOT			0	0	0.501/	(D. 4 XX) - 1 (XX - 1)
2 S Rome City	08	1845EST 1846EST			0	0	0.50K	Tstm Wind/Hail
	severa	al trees down						
Steuben County	00	10.45T/C/T			0			
Angola	08	1845EST 1846EST			0	0		Tstm Wind/Hail
	nume	rous large tree lin	nbs down.					
Williams County Near Bryan	08	1920EST			0	0	0.50K	Tstm Wind/Hail
- · · · · · · · · · · · · · · · · · · ·		1920EST 1921EST al large trees down	.				0.0011	Istii Wiidi Itali
	sever	ii iaige uees uow	11.					
De Kalb County	00	1020505			•	•	A =0.	
2 S Ashley	08	1930EST 1931EST			0	0	0.50K	Tstm Wind/Hail
	wind	damage and powe	er lines down s	outh of ashle	y and near	corunna.		

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured	Estin Dar Property	nated nage Crops	July 1997 Character of Storm
Defiance County									
Near Defiance	08	2012EST 2013EST			0	0			Thunderstorm Wind (G60)
Allen County									
Near Cedarville	08	2030EST 2031EST			0	0			Thunderstorm Wind (G70)
Defiance County									
Near Hicksville	08	2045EST 2046EST			0	0			Thunderstorm Wind (G65)
Defiance County									
Across County	08	2135EST 2335EST			0	0	5K	5K	Flash Flood
		nches rain over pa	arts of county.	widespread f	looding				
Noble County		•							
Near Albion	14	1740EST 1741EST			0	0			Thunderstorm Wind (G65)
Huntington County	40	4 < 4 ETPOT							
4 E Huntington	18 heavy	1615EST wind damage-roo	of neeled of m	odular home	0 two trees i	0 n vard	5K		Thunderstorm Wind
		lly uprooted.	or pecied of in	oddiai nome	two dees i	ii yaid			
Allen County									
Monroeville	18	1625EST rous trees in town	of monroovill	la dawnad h	0 rials sidina 1	0 Nove			Thunderstorm Wind
	off bu		of momoevin	ie downed. Di	ick siding i	Jiowii			
Steuben County									
Across County	21	1919EST 2230EST			0	0			Flash Flood
	wides	pread flooding ac	ross steuben c	ounty.					
Williams County									
Across County	21	1919EST 2230EST			0	0			Flash Flood
	wides	pread flooding cre	oss county.						
Allen County									
Fort Wayne	23	0242EST 0600EST			0	0			Flash Flood
	spy ru	n creek flooding	in fort wayne.						
Whitley County 2 W South Whitley to	23	0456EST			0	0			Flash Flood
South Whitley		0800EST	4						riasii rioou
		nches rain across and basements		ey county. w	idespread i	oau			
Huntington County									
North Part County	23	0639EST 0900EST			0	0			Flash Flood
	northe	ern huntington co	unty roads unc	ler water fror	n 3 to 4 inc	hes			
Wabash County					_				
Nr North Manchester	23	0730EST 0900EST			0	0			Flash Flood
	northe	east county roads	and some nort	h mancheste	r streets und	der			

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estima Dama Property	ated age Crops	Character of Storm	July 1997
Allen County 11 E Fort Wayne	26	3 to 4 inches rain 2150EST 2151EST own down near	·	d state route	0 101.	0	20K		Thunderstorm Wi	nd (G65)
Wabash County Near Wabash	26 wind da	2240EST 2241EST amage-power lir	nes down.		0	0			Tstm Wind/Hail	
Noble County Albion to Merriam	27 widesp	1350EST 1400EST read tree damag n.	e with power li	ines down fro	0 om albion to	0	20K		Tstm Wind/Hail	
Whitley County Columbia City	27	1415EST 1416EST amage to trees a	nd power lines		0	0			Tstm Wind/Hail	
Allen County Fort Wayne		1430EST 1435EST nd power lines ongton road.	down at Indian	apolis and wi	0 inter streets	0 also	1K		Tstm Wind/Hail	
Wells County Highway 24/Cr 400W to Highway24/Cr400W	27	1530EST 1531EST ge tree and seven	ral large limbs	and power li	0 nes down.	0			Tstm Wind/Hail	
Adams County Across County	27 sheriff	1535EST 1545EST reports widespro	ead trees and p	ower lines do	own.	0			Tstm Wind/Hail	
INDIANA, Central										
Miami County Macy	18 Thunde	1536EST erstorm winds bl	lew down trees	in Macy.	0	0	1K		Thunderstorm Wi	nd
Cass County Lucerne	18 Thunde	1625EST erstorm winds bl	lew down large	tree limbs n	0 ear Lucerne	0	0.50K		Thunderstorm Wi	nd
INZ023	evening								Flood ding in Miami county ssary upstream in Nort	
INZ022	Cass 26 27	1200EST 2359EST			0	0			Excessive Heat	

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property Crops	July 1997 Character of Storm
INDIANA, Central								
INZ022	Cass 26 27	1200EST 2359EST			0	0		Excessive Heat
INZ022>023	Cass - 26 27	Miami 1200EST 2359EST			0	0		Excessive Heat
INDIANA, Northwest								
Elkhart County Elkhart		0723EST ere thunderstorm r trees and a 150 foo			0 county, pro	0 ducing stro	0 ong winds and 1 inch	Thunderstorm Wind (G50) diameter hail. Strong winds downed
Elkhart County Goshen	02	0728EST			0	0		Hail (1.00)
Fulton County Rochester	02	1318EST 1328EST			0	0		Hail (1.75)
Kosciusko County Syracuse							eloped over north cent	Hail (1.00) tral Indiana during the afternoon. Hail racuse.
Elkhart County Elkhart	06 One ir	1500EST nch hail was report	ed in the sou	th part of Elk	0 hart county.	0		Hail (1.00)
Elkhart County Elkhart	06 A thu	1545EST anderstorm produce	ed strong win	ds which bro	0 ke trees that	0 t were one-	0 foot diameter.	Thunderstorm Wind (G50)
St. Joseph County Mishawaka	14 Trees	1605EST 1610EST down in Mishawa	ka and throug	ghout the nor	0 theast part o	0 f the county	0 y.	Thunderstorm Wind (G50)
La Porte County La Porte to Countywide	14 Thund	1630EST 1800EST derstorm winds do	wned trees, po	ower lines an	0 nd produced	0 pea to marl	ble size hail.	Thunderstorm Wind (G50)
Kosciusko County Countywide	14 Trees	1700EST and power lines do	owned throug	hout the cou	0 nty.	0		Thunderstorm Wind (G50)
St. Joseph County Lakeville	18	1434EST			0	0		Hail (1.75)
Marshall County Countywide	18	1458EST			0	0		Thunderstorm Wind (G50)
Marshall County Countywide	18 Trees	1510EST and power lines w	ere downed t	hroughout th	0 e county.	0		Thunderstorm Wind (G50)
Fulton County Countywide	18	1515EST			0	0		Thunderstorm Wind (G50)
Kosciusko County Countywide	18	1530EST			0	0		Thunderstorm Wind (G50)

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numl Per Killed	per of sons Injured	Estim Dan Property	ated nage Crops	Character of Storm	July 1997
INDIANA, Northwest										
		thunderstorms pr	_		-			-	n county. The storms	moved southeast
White County Countywide	18 Severe	1730EST thunderstorms m	oved through	northwest In	0 diana, prod	0 luced stron	ng winds tha	t downed m	Thunderstorm Wi	
St. Joseph County Mishawaka	27	1246EST			0	0			Thunderstorm Wi	and (G52)
Elkhart County Countywide		1255EST lerstorms produce e occurred in the	_			0 many tree	s and power	lines. Elkh	Thunderstorm Wi	, ,
MICHIGAN, West										
Berrien County Stevensville	02	0544EST			0	0			Hail (0.75)	
Berrien County Hollywood		0600EST atdale area farmer 7. He estimated n	•					100K ng a severe	Hail (2.25) thunderstorm on the	morning of July
Berrien County Berrien Springs	early r diamet stalks reporte and ex	norning hours of ter hail. The hail of were reportedly sleed that an inspectite tended southeast	July 2, 1997. cut, scarred or hredded. A U. on on July 2n to the county	Paul Bixby r took chunks S. Natu ral R d revealed th line. He estin	eported 200 out of applesou rces Ce hail storm nated a 2 m	0 acres of a less and pear conservation started in the started in	fruits and 10 aches and knon Service ro the vicinity wath along t	00 acres of cocked a lot esou rce cor of Lakeshohis path wa	Hail (1.00) g a severe thunderstor vegetables destroyed of the fruit off the tre aservationist for Berri ore High School, near a affected by the hail, merries, and raspberrie	from 1 inch es. Sweet corn en Cou nty Stevensville, Other area fruit
Berrien County Berrien Springs	homes tree fe Street, damag damag home is	, from straight-lin Il on a home at 10 damaging the fro ed as 2 large trees ed in the Bridlew in this neighborhof the two-level ho ear-old white oak of lot, barely missi	ne winds in a s 2594 Old U.S. ont and a ramp of destroyed a s ood subdivision ood, shattering u se. Nu mero along West Fo	at approx for the hand front porch, con just south a sun roof a u s television erry Street, w	rstorm. Wi imately 7:2 icapped on lamaged th of Berrien nd sending antennas a hich was b	nd gusts d 20 AM ED the south e roof, and Springs of a shower of across the a elieved to	during the the PT. Another side of the radic crushed 3 of Long Lake of glass throwarea were debe the oldes	understorm large tree c residence. A cars parked c Road. A la ugh the catt stroyed. Or t tree in the	Thunderstorm Winging several Berrien a were estimated at 70 ame down on a house home on Rose Hill S in the driveway. Other tree fell through a hedral ceiling onto the effect of the trees downed Berrien Springs area, ng was reported. No	Springs area mph. A maple on Harrison Street was or homes were the roof of one eliving-dining was a It fell on a
Berrien County Eau Claire	02 Numer		wer lines were	downed acro	0 oss the Eau	0 Claire are	25K ea. Several h	omes receiv	Thunderstorm Wi	
Berrien County Niles	much resider	of southeastern B	errien County ports of patio	. Falling tree furniture bei	s downed p	oower, pho way and a	one, and cabl trampoline o	le lines. Min lestroyed. N	Thunderstorm Wind estimated 70 mph who damage was reported as a second searly 2 3/4 inches of	winds across ted at several
Cass County Dowagiac	02	0645EST			0	0	25K		Thunderstorm Wi	nd

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property Cro	July 1997 Character of Storm			
MICHIGAN, West											
	Trees :	and power lines r	eported down	ed on the sout	h side of D	owagiac.	Lightning also da	amaged several power transformers.			
		F a a	-P				88				
Cass County Pokagon	02 Trees	0645EST and power lines r	eported down	ed in Pokagoı	0 n Township	0, in weste	25K rn Cass County.	Thunderstorm Wind			
Cass County Edwardsburg	thunde Downe Almos large t severa	0 0 300K Thunderstorm Wind More than six dozen large trees were u prooted with hundreds of other trees either split or missing large limbs after a severe thunderstorm with estimated 70 mph winds blew through the Edwardsburg area around 7:50 AM EDT Wednesday, July 2, 1997. Downed trees and utility poles limited travel by blocking at least 6 area roads and road crews worked through the day to clear debris. Almost all of the village's 1,200 residents were without power for most of the day. The hardest hit area of Pleasant Lake reported 16 large trees u prooted. On the south side of the lake along Washington Street, one home was destroyed. Trees were downed onto several houses. The Ontwa Township/Edwardsburg Police Department received reports of at least one boat having been thrown into trees by damaging winds. No injuries were reported.									
	center du ring favora Michig ahead around and so agricu Berrie thu nd Michig A sma diamet	tracked east acrost the mid and late ble veering vertice gan's Lower Peni of the cold front 16:30 AM EDT. uthern Cass Could thur and late and and appropriate and Edgestorms. Du ring gan, then develop II F0 tornado touter and wind gu sean. The most signand the signan control of the cold that are the cold to the cold and the cold that are the cold that a	ss Lake Super afternoon hot all wind profil nsula. Within on Wednesday As this isolate nty, hail up to e was reported wardsburg. Pot the early after bed southwest ched down in ts to 70 mph venificant dama	rior Wednesda urs. The comble fu eled the of the NWSO G y morning arc ed cluster of s 2 1/4" in dia in central Be ower ou tages rnoon hours, between 3:00 sou thwest G were associate ge occurred i	ay afternoor pination of a development and Rapid and 6:00 A devere thunce the return across Berral a line of several and 4:30 Pratiot Cound with this n East Lans	a as the tra a very wa t of wide: s county of M EDT of derstorms and straight ty and a s rien and C vere thu in M EDT a ty, but no line of se ing in noi	ailing strong cold rm, moist, and un spread severe thu warning area, one over Lake Michig crossed central aut-line winds were tignificant amoun Cass Counties tot derstorms develond affected Calho damage or injur vere thu nderstort thwest Ingham C	lay morning, July 2, 1997. The low pressure if front crossed Michigan's Lower Peninsula instable air mass across the region and a inderstorms across the sou thern half of e cluster of thunderstorms developed well an, then moved onshore into Berrien County and southeast Berrien County and western e estimated as high as 70 mph. Widespread it of wind damage to homes was reported in caled 21,500 with this cluster of severe ped in Gratiot County in central Lower oun, Eaton, Ingham, and Clinton Counties. These were reported. Hail up to 1 inch in ms as it crossed south central Lower County as a wet microburst occurred between er, no injuries were reported.			
Hillsdale County Litchfield	06	1532EST			0	0		Hail (0.75)			
Hillsdale County Osseo								Thunderstorm Wind les southeast of Hillsdale near Osseo and Energy customers.			
Berrien County Buchanan	Orchar greens	rd Hills and Broo superintendent r cant nu mber of t	kwood. Orcha eported 25 tre	ard Hill was hes downed by	it hardest and the winds.	nd was clo Brookwo	osed through Tue ood Golf Course	Thunderstorm Wind was reported from 2 area golf courses, esday, July 15, 1997, for clean up. The did not report as much damage, but had a o 4 feet in diameter. No injuries were			
Berrien County Niles	14 Niles I	1545EST Police Departmen	nt reported tree	es downed in	0 Niles.	0	2.5K	Thunderstorm Wind			
Cass County Dowagiac	14 Cass C	1635EST County Central D	ispatch reporte	ed trees and p	0 ower lines k	0 mocked d	5K lown in the Dowa	Thunderstorm Wind ngiac area.			
Cass County Edwardsburg	14 Cass C	1635EST Central Dispatch 1	reported down	ed trees and p	0 power lines	0 in the Edv	5K wardsburg area.	Thunderstorm Wind			

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed		Estimate Damag Property	ge	July 19	997
MICHIGAN, West	Bute	Sunduit	(IIIIes)	(Taras)	Timeu	marea	1100011	C. Opp		
St. Joseph County Centreville	14 Trees	1642EST were downed in	Centreville, son	ne of which	0 fell across ar	0 ea roads.	5K	Thun	derstorm Wind	
St. Joseph County 2 N Sturgis	14 Trees	1642EST downed 2 miles	north of Sturgis		0	0	2.5K	Thun	derstorm Wind	
St. Joseph County Three Rivers	14 Trees	1642EST downed in the T	hree Rivers area	ı.	0	0	2.5K	Thun	derstorm Wind	
Branch County County-Wide	14 Scatter	1747EST red reports of tre	es and power li	nes down ac	0 ross portions	0 of weste	10K rn Branch Co		derstorm Wind	
Hillsdale County 2 W Hillsdale	14 Hillsda	1800EST ale County Emer	gency Operatio	ns reported a	0 a couple of tr	0 ees down	2.5K and 2 miles we		derstorm Wind	
	July 1- thunde mph w	4, 1997. As this erstorms develop	frontal boundar ed mainly acros owned trees and	ry collided was the southed power lines	rith the warm rn two tier of cut power to	and uns	table air mass s. Isolated rep	across the state, orts of hail to nic	nd evening hours of Mon strong to locally severe kel-size and wind gusts to rgy customers in southwo	70
Cass County Edwardsburg	27 Cass C	1300EST County Central D	vispatch reported	d downed tre	0 ees and powe	0 r lines in	5K Edwardsburg		derstorm Wind	
St. Joseph County Constantine								Light urder Road. Michi leased for minor	gan State Police reported	l she
St. Joseph County White Pigeon			-	-		-			derstorm Wind ship. One tree landed on a of the storm.	a
OHIO, North										
Henry County Ridgeville Corners	08 Trees	2015EST and limbs were o	lowned.		0	0	2K	Thun	derstorm Wind	
Henry County Countywide	08 Heavy	2055EST rain caused floo	oding of underpa	asses and lov	0 v lying areas.	0		Flood	I	
Henry County Hamler	08	2055EST and limbs were o			0	0	2K orted.	Thun	derstorm Wind	

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	er of ons Injured	Estimated Damage Property Cro	July 1997 Character of Storm
OHIO, Southwest								
Van Wert County								
Van Wert	02 Nume	1530EST 1535EST erous trees downe	ed.		0	0	5K	Thunderstorm Wind (G50)
	cold f mid-a the fin metro	Front moving acro fremoon with a d rst line of storms,	ss the upper O listinct bow ech a supercell de ensive wind da	hio valley. The causing weloped over amage and a	Thunderstorn rind damage Central Industrief brief tornado	ns develop from near iana. This o in Green	ed across Indiana to Lima to south s storm evolved in e county. Anothe	ng across the Great Lakes with an associated a and moved into West-Central Ohio around least of Columbus. On the southern edge of to a bow echo and swept across the Dayton er supercell developed near Cincinnati and mont county.
Putnam County								
Leipsic	08	2110EST			0	0		Thunderstorm Wind (G52)
	An ob	server reported a	wind gust to 6	60 mph.				
Putnam County								
Ottawa to Columbus Grove	08	2238EST 2330EST			0	0	10K	Flood
Columbus Grove	Heavy	y rainfall caused s	streets to flood	. Also, Cran	berry creek t	looded a f	ew homes.	
D		,			,			
Putnam County Columbus Grove	08	2307EST			0	0		Thursdaystam, Wind (C52)
Columbus Grove		oserver reported a	wind gust to 6	62 mph.	v	U		Thunderstorm Wind (G53)
Allen County		_	-	_				
Bluffton	08	2330EST			0	0		Thunderstorm Wind (G52)
	An ob	server reported a	wind gust to 6	60 mph.				
OHZ016	Putna	m						
	09	1600EST			0	0		Flood
	12	0000EST		D' . O		. 61. 1	1 700 '	1100
	Heavy 10th.	y raintall caused	the Blanchard	River at Otta	iwa to rise o	ut of its ba	inks. The river c	rested at 26.4 feet around 100 pm est on the
Van Wert County								
2 SE Dixon to	18	1615EST			0	0	75K	Thunderstorm Wind (G80)
2 SE Van Wert				_			0 0	moved one foot off its foundation just east ize hail near Van Wert.
Allen County								
Countywide	18	1715EST			0	0	40K	Thunderstorm Wind (G60)
	Two	1730EST campers were over	erturned a har	n was damaa	ed and num	erous tree	s and nower lines	were downed
	1 WO C	ampers were ove	riamicu, a väll	i was daiiiag	cu, and mulli	cious nee	and power filles	were downed.
Putnam County Cloverdale	26	2009EST			0	0	217	TI 1 4 W 1(C50)
Cioveruale	26	2008EST 2015EST			U	U	3K	Thunderstorm Wind (G50)
	Trees	downed.						
				1.011				

A warm front which was across central Ohio at peak heating on the 26th became the focus for a Mesoscale Convective System that lasted well into the early morning hou rs on the 27th. Severe thu nderstorms moved repeatedly over the same areas cau sing substantial damage. The continuous rainfall also caused flash flooding in Licking county. Over 400 homes received damage from the combined severe thunderstorm and flooding event.